REMARKS/ARGUMENTS

In response to the Office Action dated July 16, 2004, Claims 1-20, 22 and 23 are now in this application. Claims 21, 37-39 and 54-59 have been canceled.

Election/Restrictions

The Examiner acknowledges applicant's election of Species of Fig. 5 in the reply filed on May 24, 2004. The examiner alleges that claim 37 does not read on elected species of Fig. 5 and that claim 21 requiring the inner solenoidal antenna being rectangular and by outer coil antenna having a lateral extend greater than the inner antenna has no support in the specification or drawing. The examiner further alleges that claims 37-39 and 54-59 are not supported by the specification including drawings as originally filed.

Applicants hereby cancel claims 21, 37-39 and 54-59.

Double Patenting

Claims 1-20, 22 and 23 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-9 of US Pat. No. 6,409,933 B1 and claims 1-40 of US Pat. No. 6,462,481 B1.

Applicants hereby submit a Terminal Disclaimer to obviate the double patenting rejection over US Pat. No. 6,409,933 B1.

Applicants hereby submit a Terminal Disclaimer to obviate the double patenting rejection over US Pat. No. 6,462,481 B1.

SUMMARY

In summary, all of the pending claims are now patentable. Allowance at the earliest opportunity is respectfully requested.

If, However, the Examiner believes that there are any unresolved issues requiring adverse final action in any of the claims now pending in the application, the Examiner should telephone Robert Wallace at (805) 644-4035 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,

Dated: 08/23/2004

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